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\*LIMITED TO MATTERS
AND PROCEEDINGS BEFORE
FEDERAL COURTS & AGENCIES
\*\*REGISTERED PATENT AGENT
\*\*\*SENIOR COUNSEL

January 17, 2002

WRITER'S DIRECT NUMBER: (202) 218-7834 INTERNET ADDRESS: BHAANES@SKGF.COM

Art Unit: To be assigned

Commissioner for Patents Washington, D.C. 20231

Re: U.S.

U.S. Utility Patent Application

Appl. No. 10/005,842; Filed: December 7, 2001 For: **Death Domain Containing Receptor 5** 

Inventors:

Ni et al.

Our Ref:

1488.131000A/EKS/EJH

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. Information Disclosure Statement;
- 2. Listing of the cited documents on Form PTO-1449 (8 sheets);
- A copy of each of the forty-five (45) cited documents (AA1-AP1, AR1-AT1, AL2-AP2, AR2-AT2, AL3, AM3, AR3-AT3, AR4-AT4, AR5-AT5, AR6-AT6, AR7-AT7 and AR8-AS8) on Form PTO-1449; and
- 4. Return Postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents January 17, 2002 Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Elizabeth J. Haanes, Ph.D. Attorney for Applicants

Registration No. 42,613

EJH/pcd Enclosures

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### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit:

To be assigned

Examiner:

To be assigned

Atty. Docket: 1488.131000A/EKS/EJH

Ni et al.

Appl. No. 10/005,842

Filed: December 7, 2001

For:

**Death Domain Containing** 

Receptor 5

#### **Information Disclosure Statement**

Commissioner for Patents Washington, D.C. 20231

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

The Examiner's attention is directed to the following co-pending U.S. Patent Applications, which are directed to related technical subject matter:

U.S. Patent Application No. 09/042,583, filed March 17, 1998, submitted herewith as Document AT7; and

U.S. Patent Application No. 09/565,009, filed May 4, 2000, submitted herewith as Document AR8.

Applicants wish to bring to the attention of the Examiner that SEQ ID NO.: 1 and the corresponding cDNA clone of this application are related to SEQ ID NOs. 7851 and 190763 in copending U.S. Patent Application Serial No. 09/912,293. A legible copy of that portion of U.S. Patent Application No. 09/912,293 which caused it to be listed on the attached Form PTO-1449 is submitted herewith as Document AS8.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this pleading is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Elizabeth J. Haanes, Ph.D.

Attorney for Applicants Registration No. 42,613

Date: <u>January 17, 200</u>

1100 New York Avenue, N.W.

Suite 600

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P:\USERS\BHAANES\1488\131000A\IDS pleading



DATE CONSIDERED

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ATTY. DOCKET NO. 1488.131000A/EKS/EJH ARCICACIONTER 1600/2900 10/005,842

INFORMATION DISCLOSURE STATEMENT

APPLICANT Ni et al.

FILING DATE CBUILD

					December 7, 2001	GROUP To be assigned				
EVANANA			•	U.:	S. PATENT DOCUMENTS					
EXAMINER INITIAL			OCUMENT NUMBER	DATE	NAME	CLA	SS SUB-CLASS	FILING DATE		
	AA1	_ 4	,002,531	01/11/1977	Royer	195	68	01/22/1976		
	AB1	4	,946,778	08/07/1990	Ladner et al.	435	69.6	01/19/1989		
	AC1		,349,053	09/20/1994	Landolfi	530	351	06/10/1993		
	AD1	5,	447,851	09/05/1995	Beutler et al.	435	69.7	04/02/1992		
	AE1	_   5,	478,925	12/26/1995	Wallach et al.	530	351	08/07/1992		
	AF1	5,	530,101	06/25/1996	Queen et al.	530	387.3	12/19/1990		
	AG1	5,	565,332	10/15/1996	Hoogenboom et al.	435	69.1	<del> </del>		
	AH1	5,	643,575	07/01/1997	Martinez et al.	424	194.1	09/23/1994		
	AI1	5,	763,223	06/09/1998	Wiley et al.	435	69.5	10/27/1993		
	AJ1	5,	807,715	09/15/1998	Morrison et al.	435		06/25/1996		
	AK1	6,	072,047	06/06/2000	Rauch et al.	536	69.6	06/27/1994		
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	AL1	EP	0 239 400 B1	09/30/1987	Europe		333 52,100	Yes		
	AM1	EP	0 401 384 B1	12/12/1990				No		
	AN1		91/06570	05/16/1991	Europe			No		
		1	21,700310	03/10/1991	WIPO			No.		
	A01	WO	91/09967	07/11/1991	WIPO			Yes No		
	AP1	CA	2045869	12/29/1991	Canada			Yes		
			OTHER (I	ncluding Author,	Title, Date, Pertinent Page	es etc \		No		
	AR	1	Chaudhary, P	.M. et al une	ath Receptor 5, a New Member vate the NF-xB Pathway," <i>Imm</i>		R Family, and DR4 -830, Cell Press	Induce FADD- (December		
	AS	1	Chinnaiyan, A to TNFR-1 and (November 199	Chinnaiyan, A.M., et al., "Signal Transduction by DR3, a Death Domain-Containing Receptor Relat to TNFR-1 and CD95," Science 274:990-992, American Association for the Advancement of Science (November 1996).						
	AT	1	Delgado, C., Carrier Sys. 9	et al., "The Use ∂:249-304, CRC Pi	s and Properties of PEG-Link ress, Inc. (1992).	ed Proteins	s," Crit. Rev. The	r. Drug		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

**EXAMINER** 

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ATTY. DOCKET NO. 1488.131000A/EKS/EJH

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INFORMATION DISCLOSURE STATEMENT

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Ni et al.

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	AN2	WO 9	95/06058	03/02/1995	WI	PO				Yes No		
	A02	WO 9	98/32856	07/30/1998	WI	PO				Yes No		
	AP2	WO 9	98/35986	08/20/1998	WI	IIPO				Yes No		
			OTHER (	Including Author	, T	itle, Date, Pertinent Pages,	etc.)					
	AR	2	Huston, J.S. Enzymol. 203	, et al., "Prote :46-88, Academic	in Pr	Engineering of Single-Chain ess, Inc. (1991).	Fv Ana	logs an	d Fusion Pr	oteins," <i>Meth</i> .		
	AS	<u>2</u>	Marsters, S.	arsters, S.A., et al., "A novel receptor for APO2L/TRAIL contains a truncated death domain," urr. Biol. 7:1003-1006, Current Biology Ltd. (December 1997).								
	AT	Morpurgo, M., et al., "Covalent Modification of Mushroom Tyrosinase with Different Amiphiphic Polymers for Pharmaceutical and Biocatalysis Applications," Appl. Biochem. Biotechnol. 56:59-72, Humana Press Inc. (January 1996).										
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	AR	3	Morrison, S.L	"Transfector	mas Provide Novel Chimer ment of Science (1985).		'Scienc	ce 229:1202-	1207, American	
	AS	<u>3</u>	Pan, G., et a Association f	7., "The Recept or the Advancem	Receptor for the Cytotoxic Ligand TRAIL," Science 276:111-113, American vancement of Science (April 1997).					
	AT	<u>3</u>	Pan, G., et a Science 277:8	7., "An Antagon 15-818, America	nist Decoy Receptor and a n Association for the Ad	t Decoy Receptor and a Death Domain-Containing Receptor for TRAIL," Association for the Advancement of Science (August 1997).				
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	AR	4	Rieger, J., et al., "APO2 ligand: a novel lethal weapon against malignant glioma?" FEBS Lett. 427:124-128, Federation of European Biochemical Societies (May 1998).							
	AS	<u>4</u>	Roguska, M.A., et al., "Humanization of murine monoclonal antibodies through variable domain resurfacing," Proc. Natl. Acad. Sci. USA 91:969-973, National Academy of Sciences (1994).							
	АТ	4	Schneider, I Activate NF	P., et al., "TRAI -kB," <i>Immunity 7</i> :	IL Receptors 1 (DR4) and 2 (DR5) 831-836, Cell Press (December 1	) Signa 1997).	al FADD	-Dependent A	poptosis and	
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INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. 1488.131000A/EKS/EJH

APPLICATION NO. 10/005,842

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Ni et al.

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Page 6 of 8

ATTY. DOCKET NO. 1488.131000A/EKS/EJH

APPLICATION NO. 10/005,842

APPLICANT INFORMATION DISCLOSURE STATEMENT

Ni et al.

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	AT	<u>6</u>	NCBI Entrez,	Genbank Repor	t, Acc	cession No. Z66083, from Ma	acDonald,	M., et	<i>al</i> . (Octob	er 1995).		
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APPLICANT Ni et al.	10,003,042
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### INFORMATION DISCLOSURE STATEMENT

ATTY.	DOCKET	NO.
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APPLICANT Ni et al.

FILING DATE December 7, 2001

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